A COMPUTER DISPLAY SYSTEM FOR DYNAMICALLY MODIFYING STACKED AREA LINE GRAPHS TO CHANGE THE ORDER OR PRESENCE OF A SET OF STACKED AREAS IN THE GRAPH RESPECTIVELY REPRESENTATIVE OF THE PROPORTIONS CONTRIBUTED TO A TOTAL BY EACH OF A SET OF TIME DEPENDENT VARIABLES

Abstract

Graphically displaying the proportion of a total value of a time dependent variable contributed by each of a set of elements. Applicable in a graph environment comprising the steps of displaying the proportion contributed by each element as an area within an ordered set of areas under a line representative of the total value of said time dependent variable. The user is enabled to interactively select one area in the set of areas and perform one of the following operations: hiding the selected area, displaying the selected area or reordering the position of the selected area within said ordered set responsive to said user selection. This implementation is effective in the manipulation of stacked area line graphs by visualizing how the various areas representative of the contributions of the individual elements to the whole time dependent variable affect and coact with the other variables in the set.